3481

R/V DAN MOORE STATION LOG

VESSEL 1) M	STATION (2-5) 3481	CRUISE NO. (6-8) 039	MO. (9-14) 03	DAY 15	YEAR 78	GRID (15-17) 23AL	LATITUDE (18-21) 3451
LONGITUDE (22-25) 7618							

DEPTH (26-29) 0004	SUR. TEMP. (30-31) 12	BTM TEMP. (32-33) 10	AIR TEMP (34-35) 17	BAROMETER (36-38) 012	BT (39) Y	WIND DIR. (40-41) NW	WIND SPD. (42-43) 05
S.C. (44) 1	WEA. (45-46) PC	BTM TYPE (47-48) SA	BTM REG (49) S	GEAR TYPE (50-51) FT	GEAR SIZE (52-54) 151	OP (55) —	TM. START (56-57) 10
MIN. FISHED (58-60) 030							

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00050	0000	0000	00000

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H6	3L1			PO	DO
START	34° 51'	76° 18'	1551	4860	4		0934	0935
							PU	ON
FINISH	34° 53'	76° 16'	1528	4857	4		1005	1008

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1300/2 /5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Positive anadromous

3 blueback herring ([illegible])

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FIN	CRUST	SHELL	OTHER
50.4	0	0	0

R/V DAN MOORE SPECIES LIST

STA. NO. 3481 DATE 15 March 1978 BIOLOGISTS BFH JWG JGJ MMG

TOT. CATCH WT. 50.45 AIR 17°C SURFACE 11.8°C BOTTOM 10.5°C

SAMPLE WT. — RAISING FACTOR — GRID 23AL

		SUBSAMPLE		TOTAL			
SPECIES	C or NC	NUMBER	WEIGHT	NO.	WT.	$\bar{X}$ WT	REMARKS
Mustelus canis				5	40.0	8.0	
Lagodon rhomboides				9	0.5	<0.1	
Squalus acanthias				1	8.0	8.0	
Alosa aestivalis				3	1.5	0.5	all ♂ long-key
Cynoscion regalis				3	0.25	<0.1	
Peprilus triacanthus				5	0.2	<0.1	
Anchoa mitchilli				Trace			

Species: alosa aestivalis

STATION: 3481
GRID: 23AL
DATE: 15Mar'78

SPECIMEN #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1	240	♂				N=3
2	253	♂				Area III
3	260	♂				
4						
5						
6						
7						
8						
9						
10						
11						
12						Ashore
13						
14						
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49						
50						

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *Alosa aestivalis*

STATION: 3481

DATE: 15 March 1978

LOCALITY: Area III 23AL

T. L.	♂	♀	sex comb	Juv non-quant.
50-59.9				
60 -				
70 -				
80 -				
90 -				
100 -				
110 -				
120 -				
130 -				
140 -				
150 -				
160 -				
170 -				
180 -				
190 -				
200 -				
210 -				
220 -				
230 -				
240 -	1		1	
250 -	1		1	
260 -	1		1	
270 -				
280 -				
290 -				
300 -				
310 -				
320 -				
330 -				
340 -				
350 -				
360 -				
370				
380 -				
390 -				
400 -				
410 -				
420 -				
430 -				
440 -				
450 -				
460 -				
470 -				
480 -				
490 -				
500 -				
510 -				
520				
530 -				
540 -				

T. L.	♂	♀	sex comb	Juv. Non-quantitive
550 -				
560 -				
570 -				
580 -				
590 -				
600 -				
610 -				
620 -				
630 -				
640 -				
650 -				
660 -				
670 -				
680 -				
690 -				
700 -				
TOTAL				
N	3	0	3	0
$\bar{X}$	251.00	—	251.00	—
S.D.	10.14	—	10.14	—

range ♂ 240-260 mm

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